

Year 11 Raising Achievement Evening 2016



The
Bulmershe
School
INSPIRING POTENTIAL.
ACHIEVING TOGETHER

Contents

- Key information from the evening
- Revision lists
- Revision techniques
- 6th Form Entry Information
- Key Dates



Old and New Grades

Grading the New GCSEs in 2017



NEW GCSE GRADING STRUCTURE									
9	8	7	6	5	4	3	2	1	U
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>4 = C and above and above</p> </div> <div style="text-align: left;"> <ul style="list-style-type: none"> ■ Broadly the same proportion of students will achieve a grade 4 and above as currently achieve a grade C and above. ■ Broadly the same proportion of students will achieve a grade 7 and above as achieve an A and above. ■ The bottom of grade 1 will be aligned with the bottom of grade G. </div> </div>									
A*		A	B	C	D	E	F	G	U
CURRENT GCSE GRADING STRUCTURE									

September 2014

Ofqual/14/5517



The
Bulmershe
School
INSPIRING POTENTIAL.
ACHIEVING TOGETHER.

Understand your child's tracking

Here is a quick guide to what the information means

Green Highlight	Amber Highlight	Red Highlight
Making excellent progress against End of Year target	Making satisfactory progress towards End of Year target	Not making sufficient progress towards End of Year target
Outstanding or positive attitude to learning	Inconsistent attitude to learning	Poor attitude to learning



English

English Language Paper 2

- Linguistic and Literary terminology
- Rhetorical devices
- Range of punctuation
- Adventurous vocabulary
- Read reputable newspapers & if possible Sunday supplements to appreciate a range of perspectives and ideas as well as engage with an erudite vocabulary.

Useful websites:

<http://www.bbc.co.uk/education/topics/z8n487h>

<http://www.bbc.co.uk/education/guides/z9m6tfr/revision>

<http://www.bbc.co.uk/education/topics/z2b2tyc>

English Literature Paper 2

- C19th Novel
- Poetry Anthology

Useful websites:

The Strange Case of Dr Jekyll & Mr Hyde

http://www.bbc.co.uk/schools/gcsebitesize/english_literature/prosejekyllhyde/

A Christmas Carol

<http://www.bbc.co.uk/education/topics/zcs8qty>

Poetry

- Students should type in the poem's title and read analysis and notes available on line; there are also you tube videos available on the set poems from the anthology.



Maths

Year 11 – Foundation – List of topics

Chapter: Topic	Topic break-down (sub-topics)
1: Number: Basic number	1.1 Place value and ordering numbers 1.2 Order of operations and BIDMAS 1.3 The four rules
2: Geometry and measures: Measures and scale drawings	2.1 Systems of measurement 2.2 Conversion factors 2.3 Scale drawings 2.4 Nets 2.5 Using an isometric grid
3: Statistics: Charts, tables and averages	3.1 Frequency tables 3.2 Statistical diagrams 3.3 Line graphs 3.4 Statistical averages
4: Geometry and measures: Angles	4.1 Angles facts 4.2 Triangles 4.3 Angles in a polygon 4.4 Regular polygons 4.5 Angles in parallel lines 4.6 Special quadrilaterals 4.7 Bearings
5: Number: Number properties	5.1 Multiples of whole numbers 5.2 Factors of whole numbers 5.3 Prime numbers
5: Number: Number properties	5.4 Prime factors, LCM and HCF 5.5 Square numbers 5.6 Square roots 5.7 Basic calculations on a calculator
6: Number: Approximations	6.1 Rounding whole numbers 6.2 Rounding decimals 6.3 Approximating calculations
7: Number: Decimals and fractions	7.1 Calculating with decimals
7: Number: Decimals and fractions	7.2 Fractions and reciprocals 7.3 Writing one quantity as a fraction of another 7.4 Adding and subtracting fractions 7.5 Multiplying and dividing fractions 7.6 Fractions on a calculator

Year 11 – Higher – List of topics

Chapter: Topic	Topic break-down (sub-topics)
1: Basic number	1.1 Solving real-life problems 1.2 Multiplication and division with decimals 1.3 Approximation of calculations 1.4 Multiples, factors, prime numbers, powers and roots 1.5 Prime factors, LCM, HCF 1.6 Negative numbers
2: Fractions, ratio and proportion	2.1 One quantity as a fraction of another 2.2 Adding, subtracting and calculating with fractions 2.3 Multiplying and dividing fractions 2.4 Fractions on a calculator 2.5 Increasing and decreasing quantities by a percentage 2.6 Expressing one quantity as a percentage of another
3: Statistical diagrams and averages	3.1 Statistical representation 3.2 Statistical measures 3.3 Scatter diagrams
4: Number and sequences	4.1 Patterns in number 4.2 Number sequences 4.3 Finding the nth term of a linear sequence 4.4 Special sequences 4.5 General rules from given patterns 4.6 The nth term of a quadratic sequence 4.7 Finding the nth term for quadratic sequences
5: Ratio and proportion	5.1 Ratio 5.2 Direct proportion problems 5.3 Best buys
5: Ratio and proportion	5.4 Compound measures 5.5 Compound interest and repeated percentage change 5.6 Reverse percentage (working out the original amount)

Maths cont.

Year 11 – Foundation – List of topics

8: Algebra: Linear graphs	8.1 Graphs and equations
	8.2 Drawing linear graphs by finding points
	8.3 Gradient of a line
	8.4 $y = mx + c$
	8.5 Finding the equation of a line from its graph
	8.6 The equation of a parallel line
	8.7 Real-life uses of graphs
8: Algebra: Linear graphs	8.8 Solving simultaneous equations using graphs
9: Algebra: Expressions and formulae	9.1 Basic algebra
	9.2 Substitution
	9.3 Expanding brackets
	9.4 Factorisation
9: Algebra: Expressions and formulae	9.5 Quadratic expansion
	9.6 Quadratic factorisation
	9.7 Changing the subject of a formula
10: Ratio and proportion and rates of change: Ratio, speed and proportion	10.1 Ratio
	10.2 Speed, distance and time
	10.3 Direct proportion problems
	10.4 Best buys
11: Geometry and measures: Perimeter and area	11.1 Rectangles
	11.2 Compound shapes
	11.3 Area of a triangle
	11.4 Area of a parallelogram
	11.5 Area of a trapezium
	11.6 Circles
	11.7 The area of a circle
	11.8 Answers in terms of π
12: Geometry and measures: Transformations	12.1 Rotational symmetry
	12.2 Translation
	12.3 Reflections
	12.4 Rotations
	12.5 Enlargements
	12.6 Using more than one transformation
12: Geometry and measures: Transformations	12.7 Vectors
13: Probability: Probability and events	13.1 Calculating probabilities
	13.2 Probability that an outcome will not happen
	13.3 Mutually exclusive and exhaustive outcomes
	13.4 Experimental probability
	13.5 Expectation
	13.6 Choices and outcomes
14: Geometry and measures: Volumes and surface areas of prisms	14.1 3D shapes
	14.2 Volume and surface area of a cuboid

Year 11 – Higher – List of topics

6: Angles	6.1 Angle facts
	6.2 Triangles
	6.3 Angles in a polygon
	6.4 Regular polygons
	6.5 Angles in parallel lines
	6.6 Special quadrilaterals
	6.7 Scale drawings and bearings
7: Transformations, constructions and loci	7.1 Congruent triangles
	7.2 Rotational symmetry
	7.3 Transformations
	7.4 Combinations of transformations
	7.5 Bisectors
	7.6 Defining a locus
	7.7 Loci problems
8: Algebraic manipulation	7.8 Plans and elevations
	8.1 Basic algebra
	8.2 Factorisation
	8.3 Quadratic expansion
	8.4 Expanding squares
	8.5 More than two binomials
	8.6 Quadratic factorisation
	8.7 Factorising $ax^2 + bx + c$
8.8 Changing the subject of a formula	
9: Length, area and volume	9.1 Circumference and area of a circle
	9.2 Area of a parallelogram
	9.3 Area of a trapezium
	9.4 Sectors
	9.5 Volume of a prism
	9.6 Cylinders
	9.7 Volume of a pyramid
	9.8 Cones
	9.9 Spheres
10: Linear graphs	10.1 Drawing linear graphs from points
	10.2 Gradient of a line
	10.3 Drawing graphs by gradient-intercept and cover-up methods
	10.4 Finding the equation of a line from its graph
	10.5 Real-life uses for graphs
	10.6 Solving simultaneous equations using graphs
	10.7 Parallel and perpendicular lines

Maths cont.

Year 11 – Foundation – List of topics

14: Geometry and measures: Volumes and surface areas of prisms	14.3 Volume and surface area of a prism 14.4 Volume and surface area of cylinders
15: Algebra: Linear equations	15.1 Solving linear equations
15: Algebra: Linear equations	15.2 Solving equations with brackets 15.3 Solving equations with the variable on both sides
16: Ratio and proportion and rates of change: Percentages and compound measures	16.1 Equivalent percentages, decimals and fractions 16.2 Calculating a percentage of a quantity 16.3 Increasing and decreasing quantities by a percentage 16.4 Expressing one quantity as a percentage of another 16.5 Compound measures
17: Ratio and proportion and rates of change: Percentages and variation	17.1 Compound interest and repeated percentage change 17.2 Reverse percentage (working out the original value) 17.3 Direct proportion 17.4 Inverse proportion
18: Statistics: More complex statistics	18.1 Sampling 18.2 Pie charts 18.3 Scatter diagrams
18: Statistics: More complex statistics	18.4 Grouped data and averages
19: Geometry and measures: Constructions and loci	19.1 Constructing triangles 19.2 Bisectors 19.3 Defining a locus 19.4 Loci problems
20: Geometry and measures: Curved shapes and pyramids	20.1 Sectors 20.2 Pyramids 20.3 Cones 20.4 Spheres
21: Algebra: Number and sequences	21.1 Patterns in number 21.2 Number sequences 21.3 Finding the nth term of a linear sequence 21.4 Special sequences 2.5 General rules from given patterns

Year 11 – Higher – List of topics

11: Right- angled triangles	11.1 Pythagoras' theorem 11.2 Finding the length of the shorter side 11.3 Applying Pythagoras' theorem in real-life situations 11.4 Pythagoras' theorem and isosceles triangles 11.5 Pythagoras' theorem in three dimensions 11.6 Trigonometric ratios 11.7 Calculating angles 11.8 Using the sine and cosine functions 11.9 Using the tangent function 11.10 Which ratio to use 11.11 Solving problems using trigonometry 11.12 Trigonometry and bearings 11.13 Trigonometry and isosceles triangles
12: Similarity	12.1 Similar triangles 12.2 Areas and volumes of similar shapes
13: Exploring and applying probability	13.1 Experimental probability 13.2 Mutually exclusive events and exhaustive outcomes 13.3 Expectation 13.4 Probability and two-way tables 13.5 Probability and Venn diagrams
14: Powers and standard form	14.1 Powers (indices)
14: Powers and Standard Form	14.2 Rules for multiplying and dividing powers 14.3 Standard form
15: Equations and inequalities	15.1 Linear equations 15.2 Elimination method for simultaneous equations 15.3 Substitution method for simultaneous equations
15: Equations and inequalities	15.4 Balancing coefficients to solve simultaneous equations 15.5 Using simultaneous equations to solve problems
15: Equations and inequalities	15.6 Linear inequalities 15.7 Graphical inequalities 15.8 Trial and improvement

Maths cont.

Year 11 – Foundation – List of topics

22: Geometry and measures: Right-angled triangles	22.1 Pythagoras' theorem
	22.2 Calculating the length of the shorter side
	22.3 Applying Pythagoras' theorem in real-life situations
	22.4 Pythagoras' theorem and isosceles triangles
	22.5 Trigonometric ratios
	22.6 Calculating lengths using trigonometry
	22.7 Calculating angles using trigonometry
	22.8 Trigonometry without a calculator
	22.9 Solving problems using trigonometry
	22.10 Trigonometry and bearings
	22.11 Trigonometry and isosceles triangles.
22.9 Solving problems using trigonometry	
22.10 Trigonometry and bearings	
23: Geometry and measures: Congruency and similarity	23.1 Congruent triangles
	23.2 Similarity
24: Probability: Combined events	24.1 Combined events
	24.2 Two-way tables
	24.3 Probability and Venn diagrams
	24.2 Tree diagrams
25: Number: Powers and standard form	25.1 Powers (indices)
	25.2 Rules for multiplying and dividing powers
	25.3 Standard form
26: Algebra: Simultaneous equations and linear inequalities	26.1 Elimination method for simultaneous equations
	26.2 Substitution method for simultaneous equations
	26.3 Balancing coefficients to solve simultaneous equations
	26.4 Using simultaneous equations to solve problems
26: Algebra: Simultaneous equations and linear inequalities	26.5 Linear inequalities
27: Algebra: Non-linear graphs	27.1 Distance-time graphs
	27.2 Velocity-time graphs
	27.3 Plotting quadratic graphs
	27.4 Solving quadratic equations by factorisation
	27.5 The significant points of a quadratic curve
	27.6 Cubic and reciprocal graphs

Year 11 – Higher – List of topics

16: Counting, accuracy and surds	16.1 Rational numbers, reciprocals, terminating and recurring decimals
	16.2 Estimating powers and roots
	16.3 Negative and fractional powers
16: Counting, accuracy and surds	16.4 Surds
	16.5 Limits of accuracy
	16.6 Problems involving limits of accuracy
	16.7 Choices and outcomes
17: Quadratic equations	17.1 Plotting quadratic graphs
	17.2 Solving quadratic equations by factorisation
	17.3 Solving a quadratic equation by using the quadratic formula
	17.4 Solving quadratic equations by completing the square
	17.4 continued Solving quadratic equations by completing the square
17: Quadratic equations	17.5 The significant points of a quadratic curve
17: Quadratic equations	17.6 Solving one linear and one non-linear equation using graphs
	17.7 Solving quadratic equations by the method of intersection
	17.8 Solving linear and non-linear simultaneous equations algebraically
	17.9 Quadratic inequalities
18: Sampling and more complex diagrams	18.1 Collecting data
	18.2 Frequency polygons
	18.3 Cumulative frequency graphs
	18.4 Box plots
	18.5 Histograms
19: Combined events	19.1 Addition rules for outcomes of events
	19.2 Combined events
	19.3 Tree diagrams
	19.4 Independent events
	19.5 Conditional probability

Maths cont.

Year 11 – Higher – List of topics

20: Properties of circles	20.1 Circle theorems
	20.2 Cyclic quadrilaterals
	20.3 Tangents and chords
	20.4 Alternate segment theorem
21: Variation	21.1 Direct proportion
	21.2 Inverse proportion
22: Triangles	22.1 Further 2D problems
	22.2 Further 3D problems
	22.3 Trigonometric ratios of angles between 0° and 360°
	22.4 Solving any triangle
	22.5 Using sine to find the area of any triangle
23: Graphs	23.1 Distance–time graphs
	23.2 Velocity–time graphs
	23.3 Estimating the area under a curve
23: Graphs	23.4 Rates of change
	23.5 Equation of a circle
	23.6 Other graphs
	23.7 Transformation of the graph $y = f(x)$
24: Algebraic fractions and functions	24.1 Algebraic fractions
	24.2 Changing the subject of a formula
	24.3 Functions
24: Algebraic fractions and functions	24.4 Composite functions
	24.5 Iteration
25: Vector geometry	25.1 Properties of vectors
	25.2 Vectors in geometry

Useful Websites:

www.mymaths.co.uk

BBC bitesize

www.emaths.co.uk

<https://www.mathsisfun.com/games/subtangent.html>

Biology

Core Biology

- Keeping healthy
- Nerves and hormones
- The use and abuse of drugs
- Interdependence and adaptation
- Energy and biomass in food chains
- Waste materials from plants and animals
- Genetic variation and its control
- Evolution

Additional Biology

- Cells and simple cell transport
- Tissues, organs and organ systems
- Photosynthesis
- Organisms and their environment
- Proteins – their functions and uses
- Aerobic and anaerobic respiration
- Cell division and inheritance
- Speciation

Useful Websites:

BBC Bitesize Unit 1 & 2 sciences: choose AQA exam board:

<http://www.bbc.co.uk/schools/gcsebitesize/science/>

S-cool <http://www.s-cool.co.uk>

AQA exam board website A useful source of past exam papers and their mark schemes:

<http://www.aqa.org.uk/exams-administration/exams-guidance/find-past-papers-and-mark-schemes>



Chemistry

Core Chemistry

- The fundamental ideas in chemistry
- Limestone and building materials
- Metals and their uses
- Crude oil and fuels
- Other useful substances from crude oil
- Plant oils and their uses
- Changes in the Earth and its atmosphere

Additional Chemistry

- Structure and bonding
- How structure influences the properties and uses of substances
- Atomic structure, analysis and quantitative chemistry
- Rates of reaction
- Exothermic and endothermic reactions
- Acids, bases and salts
- Electrolysis

Useful Websites:

BBC Bitesize Unit 1 & 2 sciences: choose AQA exam board:

<http://www.bbc.co.uk/schools/gcsebitesize/science/>

S-cool <http://www.s-cool.co.uk>

AQA exam board website A useful source of past exam papers and their mark schemes:

<http://www.aqa.org.uk/exams-administration/exams-guidance/find-past-papers-and-mark-schemes>



Physics

Core Physics

- The transfer of energy by heating processes and the factors that affect the rate of energy transfer
- Energy and efficiency
- The usefulness of electrical appliances
- Methods we use to generate electricity
- The use of waves for communication and to provide evidence that the universe is expanding

Additional Physics

- Forces and their effects
- The kinetic energy of objects speeding up or slowing down
- Currents in electrical circuits
- Using mains electricity safely and the power of electrical appliances
- What happens when radioactive substances decay, and the uses and dangers of their emissions
- Nuclear fission and fusion

Useful Websites:

BBC Bitesize Unit 1 & 2 sciences: choose AQA exam board:

<http://www.bbc.co.uk/schools/gcsebitesize/science/>

S-cool <http://www.s-cool.co.uk>

AQA exam board website A useful source of past exam papers and their mark schemes:

<http://www.aqa.org.uk/exams-administration/exams-guidance/find-past-papers-and-mark-schemes>



ICT

GCSE ICT Revision Topics

ICT Systems:

- Computer hardware (input, process, output & storage devices)
- Computer software (operating systems, utility software, application software, video and sound editing software, file types)
- Modern printing technologies

Databases:

- Database structures & database management systems, features of databases, searching and manipulating data, data integrity and security, data validation

ICT and Modern Living:

- Use of ICT in education & training, business, biometrics, artificial intelligence

Revision resources:

Book - *My Revision note, OCR GCSE ICT by Steve Cushing & Brian Gillinder*

Website resources:

GCSE Bitesize <http://www.bbc.co.uk/education/subjects/zqmtsbk>



Computing

GCSE Computing Revision Topics

Representing data:

- Numbers, Hexadecimal numbers, binary numbers (addition, conversion), ASCII, characters, images, sound

Fundamentals of computer systems:

- Ethical and Legal issues

Databases:

- Database structures & database management systems, data integrity and security

Programming:

- Pseudocode & flowcharts
- Integrated development environment
- Data types
- Variables and constant
- Operations, comparison operators

Computer hardware:

- CPU, Memory, ROM/RAM, cache memory, virtual memory, cores

Computer networks:

- LAN/WAN, Client server/peer-2-peer. Internet and www

Revision resources:

Book - *My Revision note, OCR Computing for GCSE, Computer systems and programming* by Sean O'Bryne & George Rouse

Website resources:

GCSE Computing learning site: <http://cambridgegcsecomputing.org/>

GCSE Bitesize - <http://www.bbc.co.uk/education/subjects/z34k7ty>

Geography

Revision for paper 1 should include:

- Be able to describe and explain what makes an extreme environment.
- Be able to describe different mountain uses and explain their impacts.
- Be able to define the different types of moraine deposited by glaciers (terminal, lateral, medial, ground).
- Be able to describe the climate and terrain of a mountain area using facts and figures.
- Be able to explain relief rainfall and draw a diagram to illustrate it.
- Be able to explain the impacts of climate change in the Andes.
- Be able to describe and explain the impacts and causes of at least one earthquake event (Tohoku or Gorkha).
- Be able to describe and explain the 4 main types of plate boundary (Destructive, Constructive, Collision and Conservative).
- Be able to define and give examples of: primary, secondary, tertiary and quaternary jobs.
- Be able to define and give an example of interdependence.
- Be able to define and give a examples of ethical consumerism.
- Be able to explain the advantages and disadvantages of globalisation.
- Be able to identify your chosen product (Apple iPhone) and explain how it creates different working conditions across the world.
- Be able to identify your named service (Tourism) and explain how it creates benefits and problems (e.g. Phuket in Thailand).
- What is hydroelectric power and how does it work?

Revision for paper 2 should include:

- Grid references
- Distance
- Direction
- Describing a route
- Describing location
- Describing patterns in a graph
- Describing distributions from a map

Useful Websites:

<http://www.ocr.org.uk/qualifications/gcse-geography-a-j382-from-2012/> (past papers)

BBC Bite Size



The
Bulmershe
School
INSPIRING POTENTIAL.
ACHIEVING TOGETHER

History

Paper 1 – International Relations and Germany Depth Study

International Relations: A New World 1948-2005

- *Soviet Control in Eastern Europe*
 - Reasons why the USSR wanted a buffer zone
 - The purpose of the Warsaw Pact
 - Hungarian Uprising
 - Berlin Wall
 - Czechoslovakian Uprising/ Prague Spring
 - Solidarity in Poland
 - The collapse of communism in Eastern Europe
 - Role of Gorbachev
 - Role of Solidarity
 - Timeline of collapse
- *Terrorism*
 - IRA**
 - PLO**
 - Al-Qaeda**
 - Why do people become terrorists?
 - Methods
 - Response to terrorists
 - Role of their leaders
 - Can terrorism ever be justified?
- *Iraq War*
 - Reasons for the invasion
 - Aims
 - The invasion (how was it completed so quickly?)
 - Invasion to insurgency
 - Internal and International consequences
 - Opposition to the war



History cont.

Germany 1818-1945

- *Problems facing the Weimar Republic*
 - Uprisings
 - Left Wing – Spartacists
 - Right Wing – Kapp Putsch, Munich Putsch (and its impact)
 - Treaty of Versailles
 - War guilt
 - Disarmament
 - Loss of Land
 - Reparations
 - Economy
 - Reparations
 - French invasion of the Ruhr
 - Hyperinflation
 - Constitution
 - Role of the President and Chancellor
 - Proportional Representation
 - Article 48
- *Golden Years*
 - Foreign Policy
 - Germany could join the League of Nations in 1926
 - Locarno Treaties
 - Economy
 - Dawes Plan
 - Young Plan
 - Politics
 - No uprisings
 - Extremist groups reorganised
 - Nazis in the 1920s
 - Culture
 - Freedom of expression
 - New culture emerged



History cont.

- *Hitler's Rise To Power*
 - Depression
 - Failure of the Weimar Republic
 - Fear of communism
 - Hitler's personality
 - Nazi party promises
 - Role of Hindenburg and Von Papen
 - Elections 1930-32
- *Consolidation of Power*
 - Reichstag Fire
 - Enabling Act
 - Night of the Long Knives
 - Death of Hindenburg
 - Oath of Loyalty
- *Life in Nazi Germany*
 - Workers
 - Youth
 - Opposition
 - Women
 - Terror
 - Propaganda
 - Leaders
 - Economy
 - Racial policy

Revision Guide:

GCSE History OCR B: Modern World History Revision Guide (A*-G course)

ISBN: 978 1 84762 412 3

Useful websites:

<http://www.bbc.co.uk/education/subjects/zj26n39>

<http://www.bbc.co.uk/schools/gcsebitesize/history/>

<http://iohndclare.net/>

Exam board – OCR Modern World History

<http://www.ocr.org.uk/qualifications/gcse-history-b-modern-world-j418-from-2013/>



Religious Studies

Topic 1 -The Existence of God

Students will be expected to know the following terms: theist, atheist, agnostic. Students may be asked questions on the following arguments for God's existence:

First Cause argument (cosmological argument);
Design argument (teleological argument);
argument from miracles;
argument from religious experience;
argument from morality;
arguments against belief in the existence of God.

Students will be expected to be able to outline arguments in any of the preceding areas:
they will also be expected to be able to outline basic problems with the arguments;
how plausible/strong are the arguments?;
what faults lie within them?

Topic 2 – Revelation

This topic looks at the idea of God's self-revelation to humanity. It explores the reasonableness of the evidence of revelation, and why revelation is questioned as a real experience.

general revelation. Students will be expected to understand God's revelation through scripture, nature and conscience;
special revelation. Students will be expected to understand God's revelation through a direct meeting, vision or dream, including examples from scripture, worship and prayer;
the power of any type of revelation, and its impact on those receiving the revelation;
what is learnt of God – qualities of God such as supremacy, immanence, transcendence, personal nature, impersonal nature, omnipotence, omniscience and benevolence;
the comparative strengths and weaknesses of general versus special revelation;
the issue of reality or illusion in terms of any revelation;
alternative explanations for claims of revelation;
the question of whether accepting the reality of revelation leads to problems for the believer, such as why believers have different ideas about God.



Religious Studies

Topic 3 – The Problem of Evil

This topic explores the concepts of evil and suffering in a created world, God's responsibility for each, and man's response.

the Problem of Evil – a definition;

what is evil? – examples and definition;

what is its nature? – impersonal force, a personal being, or psychological phenomena?;

where does evil originate?;

what questions does evil raise about God's love, power and purpose?;

how do religious believers resolve the problem of evil in terms of their beliefs, for example in terms of believing in an all-loving, all-powerful, all-knowing God?;

how do/should believers respond in the face of evil?

the Problem of Suffering – a definition;

what are the forms of suffering?;

is suffering natural or man-made?;

in what ways is suffering unjust?;

has suffering any purpose?;

what questions does suffering raise about God's love, power and purpose?;

the concept of karma as an explanation for evil in the world;

how do religious believers resolve the problem of suffering in terms of their beliefs, for example in terms of karma or believing in an all-loving, all-powerful, all-knowing God?;

how do/should believers respond in the face of suffering?

Topic 4 – Immortality

This topic considers the meaning of death, and the afterlife. It also explores the reasonableness of such belief, as well as the problems created by it.

ideas of what would count as immortality – reincarnation, resurrection, rebirth, a legacy, as a memory of others;

the problems associated with any of these options of immortality;

evidence of immortality, such as scriptural accounts, ghost experience, channelling, Near Death Experience, revelation;

evidence against immortality, such as lack of proof, science, atheism;

the concept of dualism, and the mind/body/soul debate, including its impact on how we define death, and issues raised by people thinking of themselves as a combination of these entities.

Useful Websites:

GCSE Bitesize - <http://www.bbc.co.uk/education/subjects/zb48q6f>

Revision World - <https://revisionworld.com/gcse-revision/rs-religious-studies>

Revision videos - <https://www.youtube.com/user/MrMcMillanREvis>

The Revision room - <http://www.thestudentroom.co.uk/content.php?r=2920-GCSE-religious-studies>

Music

REVISION & EXAM PREPARATION ADVICE for PARENTS & STUDENTS

HOMEWORK

- Homework Tasks that are set weekly can be found on the Public Folder of the school network and are available to students either at school or at home. Please ask to see this if you have not already done so and help your child to be disciplined in getting work done and submitted on time.

SUPPORT OUTSIDE LESSONS

- I also publish dates when I am available after school to support anyone who wants it, as catch up after a period of absence or simply for some peace and quiet to get on with coursework outside the constraints of a lesson. Feel free to bring a drink and a snack but please ensure that you are ready to start promptly at 3.10pm. These sessions become compulsory for any student who does not meet deadlines.

PERFORMING

- Students should now be preparing **2** performances for their MOCKs and final Examination.

SOLO PERFORMANCE

- This has already been chosen. Students should be practicing this methodically and regularly. (By this I mean, working on short sections of a piece and not just playing it through oven and over again.) There is no need to perform from memory though singers often find that their performance is more convincing if they do not have to use the words. Where necessary, students should be rehearsing with a suitable, good-quality backing track. (<http://www.karaoke-version.co.uk> is a good site though others are available.)

ENSEMBLE PERFORMANCE

- This will be decided in the next few weeks. Students are free to perform in any group they wish as long as they are able to show their very best work and the part they play is not doubled. This can include performances done in a group outside the school setting though this takes a bit more planning and must not be left to the last minute.

CREATIVE TASK

- This is a 45 minute composition. Students will be given 6 different starting points by the Exam Board and they have 45 minutes to turn this into a short composition and either submit it using Sibelius or record it. By now, most students should be clear about which of the starting points is best for them and they should be working on this at a rate of about one a week. I have put some Holiday Starting points on the Public folder. If any students need additional practice examples I am happy to supply them but I would like to see those that are complete and give them feedback.



Music cont.

COMPOSITIONS

- Students have to submit 2 compositions. The first must be for their instrument – i.e. whatever they used for their SOLO performance. The second has to be taken from one of the 3 other Areas of Study but does NOT have to be linked to their Ensemble Performance. Students will be starting on this second piece 2 weeks after half term.
- ***It is worth stressing that all Coursework has to be done under controlled conditions. This means that the final ‘artefact’ that goes to the Exam Board at the end of the course has to be produced under my supervision. However, getting ideas and experimenting with chords, melodies, how words fit, combinations of instruments, research into how to write for certain instruments etc can and should be done at home in preparation for the coursework lessons. Only then will students be able to make full use of the limited writing time that they are given.***

‘Commentary’ & ‘Log and Evaluation’

- These are the only 2 pieces of written coursework. Each of them should only be approximately 2 sides of A4 but together these add up to a complete exam grade (40 marks) and there is no reason at all why students should not get full marks for these elements. In Year 10 I put some guidance on their content into the Public Folder though it is important that students do not simply use this template without personalising it to their own needs in Year 11.
- **THE FINAL DEADLINE FOR ALL WORK FOR AUTUMN 2 TRACKING IS TUESDAY NOVEMBER 29TH**

Useful Websites:

Recognising instruments and learning the basics. Short videos on every orchestral instrument: Type into YouTube - philharmonia orchestra instrument guides or use this link:

<https://www.youtube.com/watch?v=zgaQFLUdUL0&list=PLqR22EoucCyccs5J639SCefaM7mD9dMSz>

BBC Bitesize – Music GCSE. This has been much improved recently. Lots of listening and tests so that you can find out what you are not sure of.

QUIZLET – Lots of good quizzes and different ways of testing your knowledge. Just take care as some of the vocab is beyond what you need so don’t let it panic you!!!!

Use YouTube to listen to short extracts of music by some of the well-known composers or in genres of your Areas of Study and ask yourself: ‘What could I tell an examiner about this piece just from listening to it?’ A 2 minute extract is enough for this. I will be setting more of these once coursework is complete but if you want to send me your clip link and what you have written in an email I’m very happy to give you feedback.

Karaoke Version. A useful place to get backing tracks. Also useful if you need to make the key higher or lower. Ask if you need help with this. <http://www.karaoke-version.co.uk>

As always, if you need help, please ask. Don’t ignore a problem, come will do all I can to help.



Business Studies

Year 11 content to date

- Marketing – product trial, product life cycle, branding, marketing mix
- Meeting customer needs – design and research development, managing stock, quality, competitiveness, customer service, customer protection laws

Year 10 content to date

- Spotting a business opportunity
- Showing enterprise
- Putting a business idea into practice
- Making the start up effective
- Understanding economic context

Useful Websites:

www.bbc.co.uk/education/subjects

www.businessstudiesonline.co.uk

www.tutor2u.net

www.revisionworld.com

www.revisionstation.co.uk



Physical Education

For the Year 11 mock exam students could be tested in all areas listed below:

- The Participant and as an Individual
- Physical and Mental Demands of Performance
- Leisure and Recreation
- Diet
- Health, Fitness and a Healthy Active Lifestyle
- Training
- School and Physical Education
- Organisation Influences
- Cultural and Social Factors
- Opportunities for Further Involvement
- International Factors
- Social Factors

Useful Websites:

www.bbc.co.uk/schools/gcsebitesize/pe

<https://www.brainmac.co.uk>

<https://www.pe4u.co.uk>

<http://www.peshare.co.uk>

<http://www.teachpe.com>

Links to past papers and mark schemes:

<http://www.aqa.org.uk/subjects/physical-education/gcse/physical-education-4890>

Tab on the right hand side 'Past papers and mark schemes'



Graphics

Section A – Encouraging Children to grow their own Fruit and Vegetables.

- Typefaces – what are the differences?, Serif and San-Serif etc

Section B

- Adhesives
- Packaging Types – do you know the different types of packaging for products in shops?
- 1 and 2 point perspective drawings
- Rendering
- Different types of printing finish
- Smart Materials
- Paper Sizing

Useful Websites:

www.mrdandt.com

www.technologystudent.com

BBC bitesize – Graphic Products

www.aqa.org.uk – past papers



The
Bulmershe
School
INSPIRING POTENTIAL.
ACHIEVING TOGETHER

Resistant Materials

Section A – Gardening for the Elderly

Section B

- Metals
- CAD/CAM – make sure you can talk about them and name how to use them with examples
- Bending/Forming techniques
- Joining Materials
- Woods
- Plastics – names of both Thermo and Thermosetting plastics
- Jigs – what they are used for
- Moulds/templates
- The Health and Safety aspects of using machinery and signage
- Ergonomics
- Sustainability

Useful Websites:

www.mrdandt.com

www.technologystudent.com

BBC bitesize – Resistant Materials

www.aqa.org.uk – past papers



French

The Reading and Listening papers could be on any of the following topics:

- Friends and Family
- Spare Time
- Local Area
- Shopping
- School
- Daily Routine
- Work and Work Experience
- Holidays and Tourism
- Lifestyle
- Health
- Environment

Spanish

The Reading and Listening papers could be on any of the following topics:

- Holidays
- School
- Family
- Personalities
- Daily Routine
- Work and Work Experience
- Spare time
- Home and Town
- Health
- Environment

What can you do to improve?

- Attendance to school
- Punctuality to lessons
- Attending revision classes – do you know when they are
- Do you know what to revise – seek support from teachers
- Homework



How do I revise?

- Have you got a revision timetable
 - Do you stick to it
- Do you have a quiet area to work
- Revise in small chunks
- Give yourself breaks and rewards
- Refer to revision guides
- Do past papers
 - Look at markschemes
 - Read the examiners report



What can I do to help me remember?

- Mnemonics
- Revision cards
- Mind maps
- Make up a story
- Key words and points
- Use colour
- Rewrite notes in your words, don't just copy
- Don't just read, do
- Work with a friend and test each other



Exam techniques

- Get a good nights sleep
- Bring the necessary equipment
- Arrive at least 15 mins before the start of an exam
- Take time to read the questions and ***highlight the keys points***
- Expect at least one difficult question
- Check your work



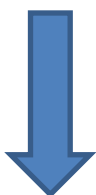
6th Form Entry Requirements

- With government changes students will be receiving a 'cocktail' of grades in the summer
- English and Maths graded 1-9 with **5** being the equivalent of the old C grades
- Our entry requirements will be a minimum of grade 5's in English and Maths and 3 other A*-C grades to access our Level 3 courses



Sixth Form Pathways

5 GCSE A- E

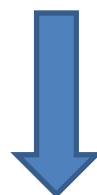


Year 12 Level 2 courses

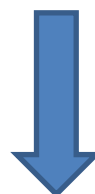


College/
Apprenticeship/
Work

5 A*-C grades including English
And Maths (at grade 5)



Year 12 Level 3 courses



Year 13 Level 3 courses



University/
Apprenticeships/ Work



Key Dates

Year 11 Mock exams session 1, week commencing Monday 12th December 2016 (Students will sit exams in all subjects)

Year 11 Parents' Evening, Thursday 19th January 2017

6th Form Open Evening, Thursday 26th January 2017

Year 11 Mock exams session 2, week commencing Monday 20th February 2017 (Students will sit exams in all subjects except Art)

Public exams from Monday 15th May 2017 - Thursday 29th June 2017



Year 11 After-School Catch Up Sessions

Day	Sessions
Monday	History (Lunch)
Tuesday	Maths , MFL (Lunch), Personal Survival, Trampoline ing, Drama, Business Studies (Lunch)
Wednesday	English , Geography, MFL Language Leaders, Table Tennis, Drama, Religious Studies
Thursday	Rugby, Netball, GCSE PE Theory (Lunch), Drama, Technology*, Computing, Art
Friday	Fitness

*Music is invitation only

*Science is invitation only